



## [ABSTRACT]

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### A. Technology Field of the Invention in the Claims

The present invention relates to a volume-regulating device for medical fluids that enables direct delivery by the patient of additional volume accordingly with the level of pain, of medical fluid that is discharged from a medical fluid supply apparatus. Particularly, it is characterized by the preciseness in delivering additional volume of medical fluid and the inducement of accurate operation of a button body.

### B Technical Tasks that the Invention intends to solve

Currently, a volume-regulating device of medical fluids is subjected to Korean Laid-Open Patent Publication No. 2001-01031116, wherein a storage tube for medical fluid is provided inside, so that when additional delivery is needed, applying pressure on the button body causes medical fluid to be discharged from the storage tube for medical fluids and, thereby allows additional delivery. However, a disadvantage is that the operation of the button body is elastically actuated by multiple springs, therefore, unless pressure is applied on the exact location, precise operation is not achieved. Another disadvantage is that when pressure is applied to the storage tube for medial fluid in order to discharge medical fluid, medial fluid gets dispersed to the directions of intake and exit, thus making it difficult to discharge a precise volume of medical fluids.

### C. Gist of Solution by the Invention

Accordingly, in the present invention the intake and the exit are formed as one channel and a button body is formed as an elastic body, so that it operates elastically, thereby, inducing a precise operation of the button body despite pressure being applied to an inexact location.

D. Important Usage of the Invention

Regulating delivery volume of medical fluids

[REPRESENTATIVE DRAWING]

Figure 1